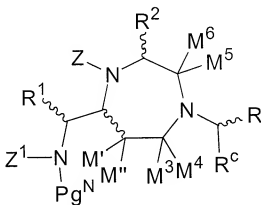


IN THE CLAIMS

The currently pending claims are believed to be as follows:

1-112. (Canceled)

113. (Previously Presented) A general mimetic of the structure



wherein:

~~~~~ indicates a bond at a chiral centre of the structure which centre may be in the R or S configuration or a mixture thereof;

R, R<sup>1</sup> and R<sup>2</sup> are amino acid side chain groups which may be the same or different;

M' and M'' may be the same or different and are selected from the group consisting of hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl, chloro and C<sub>1</sub>-C<sub>4</sub> alkoxy;

M<sup>3</sup>, M<sup>4</sup>, M<sup>5</sup> and M<sup>6</sup> define a lactam as follows:

(i) M<sup>3</sup>, M<sup>4</sup> when taken together with the ring carbon to which they are attached form a carbonyl group, M<sup>5</sup> and M<sup>6</sup> = H, or

(ii)  $M^3$  is H and  $M^4 = M^1, M^5$  and  $M^6$  when taken together with the carbon atom to which they are attached form a carbonyl group;

$Z'$  is selected from the group consisting of hydrogen or methyl or part of a cyclic amino acid sidechain joined to  $R^1$ ;

$Pg^N$  is a protecting group for amine;

$R^C$  is selected from the group consisting of a carboxy terminal part of the mimetic, hydrogen, R, and  $CH_2R$ ; and

Z is selected from the group consisting of hydrogen, methyl, ethyl, formyl, acetyl,  $-CH_2R$ , and  $C(O)R$ .

114. (Withdrawn) A peptide mimetic as claimed in claim 113 wherein when  $Q^1$  and  $Q^2$  form a cyclic group  $Q^1Q^2$  which is selected from the group consisting of  $-CH(R)C(O)-$ ,  $-CH_2CH(R)C(O)-$ ,  $-CH_2CH_2CH(R)C(O)-$ ,  $-CH(R)CH_2-$ ,  $-CH_2CH(R)CH_2-$ ,  $-CH_2CH_2CH(R)CH_2-$ ,  $-CH_2CH(R)-$ ,  $-CH_2CH_2CH(R)-$ ,  $-CH(R)CH_2CH_2-$ ,  $-CH_2CH(R)CH_2CH_2-$ ,  $-CH(R)CH_2C(O)-$  and  $-CH_2CH(R)CH_2C(O)-$ .

115. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein  $Q^1$  is R,  $Q^2$  is Z,  $Q^3$  is  $C(O)$  or  $CH_2$ .

116. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein  $Q^1$  is R,  $Q^2$  is Z,  $Q^3$  is  $-C(O)N(Q^5)CH(R)C(O)-$  or  $-C(O)N(Q^5)CH(R)CH_2-$ .

117. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein  $Q^1$  is  $CH(R)C(O)Q^2$ ,  $Q^1Q^2$  – forms a cyclic group  $-CH(R)C(O)-Q^2$ ,  $Q^3$  is  $C(O)$  or  $CH_2$ .

118. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein  $Q^1$  is  $CH_2CH(R)C(O)Q^2$ ,  $Q^1Q^2$ - forms a cyclic group  $-CH_2CH(R)C(O)-$ ,  $Q^3$  is  $C(O)$  or  $CH_2$ .
119. (Previously Presented) A peptide mimetic as claimed in Claim 113 wherein  $R^C$  is  $C(O)Pg^C$  where  $Pg^C$  is a protecting group for carboxylic acid.
120. (Previously Presented) A peptide mimetic as claimed in Claim 119 wherein  $Pg^C$  is selected from the group consisting of alkoxy, benzyloxy, allyloxy, fluorenylmethyloxy, amines forming easily removable amides, a cleavable linker to a solid support, the solid support, hydroxy, NHR, OR, R or the remaining C-terminal portion of the mimetic.
121. (Previously Presented) A peptide mimetic as claimed in Claim 113 wherein  $Pg^N$  is selected from a group consisting of Boc, Cbz, Alloc, trityl, a cleavable linker to a solid support, the solid support, hydrogen, R,  $C(O)R$  or part of the remaining N-terminal portion of the mimetic.
122. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein  $M'$  or  $M''$  is methoxy.
123. (Withdrawn) A peptide mimetic is claimed in Claim 113 wherein  $M'$  or  $M''$  is methyl.
124. (Previously Presented) A peptide mimetic as claimed in Claim 113 wherein Z is H,  $Z^1$  is H and  $R^C$  is  $C(O)Pg^C$ .
125. (Withdrawn) A peptide mimetic as claimed in Claim 124 wherein  $R^1$  and  $R^2 \neq H$ .
126. (Previously Presented) A peptide mimetic as claimed in claim 113 wherein Z is hydrogen,  $M^5$  and  $M^6$  when taken together with the carbon atom to which they are attached form a carbonyl group,  $Z^1 = H$ , and  $R^C$  is  $C(O)Pg^C$ .
127. (Withdrawn) A peptide mimetic as claimed in Claim 126 wherein  $R^1$  and  $R^2 \neq H$ .

128. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein  $Q^1$  is  $R^1$ ,  $Q^2$  is hydrogen,  $Q^3$  is  $-C(O)N(Q^5)CH(R)C(O)-$ ,  $Z^1=H$  and  $R^C$  is  $C(O)Pg^C$ .

129. (Withdrawn) A peptide mimetic as claimed in Claim 113 wherein  $Q^1$  is  $R^1$ ,  $Q^2$  is hydrogen,  $Q^3$  is  $-C(O)N(Q^5)CH(R)CH_2-$ ,  $Z^1=H$  and  $R^C$  is  $C(O)Pg^C$ .

130. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein  $Q^1Q^2$  is  $-CH(R^2)C(O)-$ ,  $Q^3$  is  $C(O)$ ,  $Z^1=R^1$  and  $R^C$  is  $C(O)Pg^C$ .

131. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein  $Q^1Q^2$  is  $-CH(R^2)C(O)-$ ,  $Q^3$  is  $CH_2$ ,  $Z^1=R^1$  and  $R^C$  is  $C(O)Pg^C$ .

132. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein  $Q^1Q^2$  is  $-CH_2CH(R^2)C(O)-$ ,  $Q^3$  is  $C(O)$ ,  $Z^1=R^1$  and  $R^C$  is  $C(O)Pg^C$ .

133. (Withdrawn) A peptide mimetic as claimed in Claim 114 wherein  $Q^1Q^2$  is  $-CH_2CH(R^2)C(O)-$ ,  $Q^3$  is  $CH_2$ ,  $Z^1=R^1$  and  $R^C$  is  $C(O)Pg^C$ .

134. (Previously Presented) A peptide mimetic according to claim 113 wherein  $R$ ,  $R^1$  and  $R^2$  are each independently selected from the group consisting of

(i)  $-CH_3$ ,

(ii)  $-CH_2-\overset{\overset{O}{||}}{C}-NH_2$  ,

(iii)  $-CH_2SH$ ,

(iv)  $-CH_2CH_2-C(O)NH_2$ ,

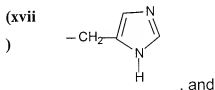
(v)  $-H$ ,

(vi)  $-CH(CH_3)CH_2CH_3$ ,

(vii)  $-CH_2-CH(CH_3)_2$ ,

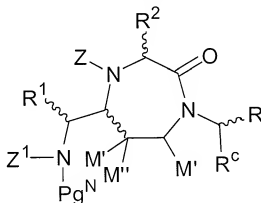
(viii)  $-CH_2CH_2S-CH_3$ ,

- (ix)  $-\text{CH}_2\text{Ph}$ ,
- (x)  $-\text{CH}_2\text{OH}$ ,
- (xi)  $-\text{CH}(\text{OH})\text{CH}_3$ ,
- (xii)  $-\text{CH}_2-(3\text{-indolyl})$
- (xiii)  $-\text{CH}_2\text{-Ph-OH}$ ,
- (xiv)  $-\text{CH}(\text{CH}_3)_2$ ,
- (xv)  $-\text{CH}_2\text{CO}_2\text{H}$ ,
- (xvi)  $-\text{CH}_2\text{-CH}_2\text{-CH}_2\text{-NH-C(=NH)-NH}_2$ ,

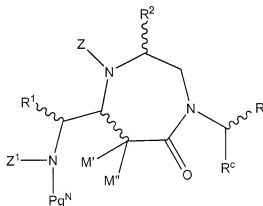


- (xix)  $-\text{CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2\text{-NH}_2$ .
- (xx)  $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$ .

135. (Previously Presented) A mimetic according to claim 113 having the structure:



136. (Withdrawn) A mimetic according to claim 113 having the structure:



137. (Previously Presented) A peptide mimetic as claimed in claim 135 wherein M', M'' are H.
138. (Previously Presented) A peptide mimetic as claimed in claim 135 wherein Z, Z<sup>1</sup> are H.
139. (Withdrawn) A peptide mimetic as claimed in claim 135 wherein R<sup>1</sup> and R<sup>2</sup> ≠ H.
140. (Previously Presented) A peptide mimetic as claimed in claim 135 wherein R<sup>c</sup> is C(O)Pg<sup>C</sup> where Pg<sup>C</sup> is a protecting group for carboxylic acid.
141. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein M', M'' are H.
142. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein Z, Z<sup>1</sup> are H.
143. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein R<sup>1</sup> and R<sup>2</sup> ≠ H.
144. (Withdrawn) A peptide mimetic as claimed in claim 136 wherein R<sup>c</sup> is C(O)Pg<sup>C</sup> where Pg<sup>C</sup> is a protecting group for carboxylic acid.